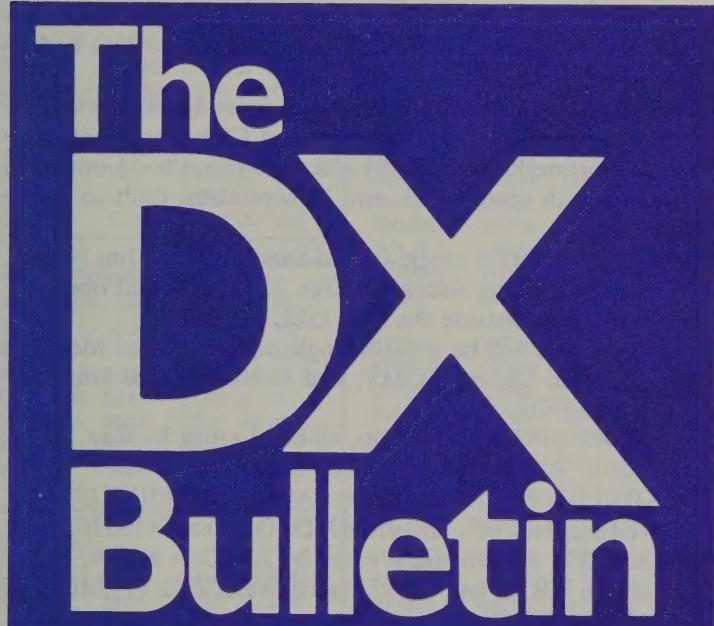


## DXpedition News

**Albania - ZA ZA1HA and ZA1QA** continue to make Albania available for DXers. The MRASZ, the Hungarian Radioamateur Society, reports that ZA1HA is its station, under a cooperative agreement with the Albanian Radioamateur Society, dated Nov. 1990. The current operating crew includes HA4XG, HA4XW, HASOV, HA5FA, and HA6NF. MRASZ says to QSL ZA1HA to the Radio Club of Salgótarján, HA6KNB. ZA1HA has been worked on 7002 kHz at 0200Z, 14005 18-2100Z, 21005 1900Z, 21250± 1900Z, and 28005 1500Z. ZA1QA has been on 7002 0100Z, 14035 or 14215 1400Z, 21030 or 21300 1800Z, and 28360/395 13-1700Z.

**Glorioso - FR/G** The 9th Most Wanted country has been available as FR5ZU/G in a list operation on 14256 kHz 23-0400Z, with 3x3 signals. QSL Jacques Quillet, B.P. 347, Ste. Clotilde F-97490, Reunion Is., France.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Revillagigedo - XF4** Members of the Ararm DX Club will operate as XF4I for three weeks, beginning Oct. 21, all bands and modes. No QSL route given.

**Western Kiribati - T30** Ron Wright ZL1AMO operates from Tarawa on his way home from his recent YJ0ARW and 3D2RW/R operations. QSL home call. Ron intends to activate Kermadec ZL8 and one of the VK9 islands in 1992, if he gets enough donations. Stateside DXers can send contributions to KB5GL.

**Turkey - TA** Spud Monohan K6KH, Paul Lucas N6DMV, and others will operate TA/ Oct. 16-27, including the CQWW SSB test from Kusadasi. QSL home calls. They move to Rhodes SV5 Oct. 28-31.

October 11, 1991

Issue 609

### Shortly Noted

- **4K2OIL** has ended his Franz Josef Land operation, after more than 30,000 QSOs; QSL UA9MA. **4K2MAL** is a new FJL operator; QSL UA4RC. See Bandpass for spots.
- **T20XV** is the Tuvalu call of Bing Crosby VK2BCH. QSL direct only. ([DXNS](#).)
- **VK0LL** at Casey Base on Antarctica is on 14170 kHz at 1530Z; QSL to VK2LL. ([DXNS](#).)
- **7Q7BW** and **7Q7BX** are the Malawi calls of Christine (ex-3DA0BW) and Paul (ex-3DA0BX). QSL to N5MHZ, once new cards are printed.
- **3D2VJ** is Andy G4ZVJ, on the first spot of a multi-island Pacific tour, to dec. 16. Possible stops include Tonga A35VJ, Western Samoa 5W1VJ, American Samoa KH8/G4VZJ, and others, depending on transportation.
- **JT1BV/UA0S** is now active from Irkutsk, Oblast 124, to 1993. QSL direct to T. Naranbaatar, P.O.Box 2595, Irkutsk-52, 664052 USSR. "It is really a strange thing to be DXing from the Soviet Union," Naran says. He likes nets.
- **5R8JD**, active last year, is not valid for DXCC credit. **5R8AL**'s operation remains on hold.
- The **D2ACA** team that made 27,400 contacts in June seeks donations and direct QSLs (to LZ2DF) by Nov. 1 for a possible return visit to Angola. Donations (not QSL cards) may be sent to K9AJ.
- **YA2CW** is indeed Jackie F2CW. He's using a commercial radio that cannot be keyed on CW, and lacks RIT (but does have some limited split capabilities). His extremely weak signal and lack of RIT has driven him to net operations.
- **G4SMC/8R1**, **G4CCZ/8R1**, and **G4CVI/8R1** will be active Oct. 24-Nov. 1, all bands, especially 6 meters, with a beacon on 50100 kHz. QSL to G4SMC. ([DXNS](#).)
- **J37K** (W8KKF) and **J37L** (WA8LOW) will be active Oct. 22 and 29, during stopovers on their trip to St. Vincent for CQWW SSB. 10, 15, and 20 meters only; QSL home calls.
- SSB Net check-ins: 7159 kHz: VP8CFM (South Orkneys); 14236 (23Z): VP8CFM 9H1EB; 14227: A35KB 7Q7RM FK30KRU H44AP JW0GB TU2JL; 14243: FR5ZN 3A2EE TT8SA; 14256: 8R1VMB VP8CFM FR5ZU/G. The 14243 net now has an early-bird session at 1100Z.
- **Islands On The Air:** **KS7G/KL7** is a planned operation from Pleasant Island in the Southeast Gulf of Alaska, a New One (NA-161) for IOTA. 0000Z Oct. 19-2400Z Oct. 20, weather permitting. 15, 20, and 40 meters, around the IOTA frequencies. Ops are KS7G, KL7TG, N6IV, and KL7HFI. QSL to KL7TG.
- **RTTY report:** Spots: **VU2SJV** 21090 kHz at 1639Z; **5V7DP** 21085 1750Z; **6W6JX** 14080 1337Z; **KH3AF** 21087 0145Z; **9L1US** 14089 0910Z; **TU2YK** 21078 2340Z; **OY9JD** 21090 1800Z; **TU2BB** 18080 0215Z; **HS0ZAA** 14085 0945Z.

## Propagation

### Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before				
		Date	Flux	A	Date	Flux	A		
October 1991		09/14	181	21/24	3	08/16	264	17/20	3
11	Low Normal	09/15	180	08/11	2	08/17	271	19/22	3
12	High Normal	09/16	174	06/07	2	08/18	284	16/22	4
13	Above Normal	09/17	177	07/07	2	08/19	290	36/53	2
14	Above Normal	09/18	181	05/06	1	08/20	286	26/41	3
15	Above Normal	09/19	172	10/11	2	08/21	285	35/44	3
16	High Normal	09/20	170	09/11	1	08/22	285	31/43	2
17	High Normal	09/21	177	06/07	0	08/23	271	12/19	1
18	Above Normal	09/22	188	05/07	1	08/24	250	09/12	3
19	Above Normal	09/23	185	05/06	2	08/25	238	13/14	2
20	Above Normal	09/24	180	06/07	1	08/26	210	10/12	3
21	Above Normal	09/25	181	24/33	4	08/27	196	20/29	5
22	Below Normal	09/26	201	36/36	3	08/28	190	12/16	3
23	Below Normal	09/27	178	36/38	4	08/29	195	12/14	3

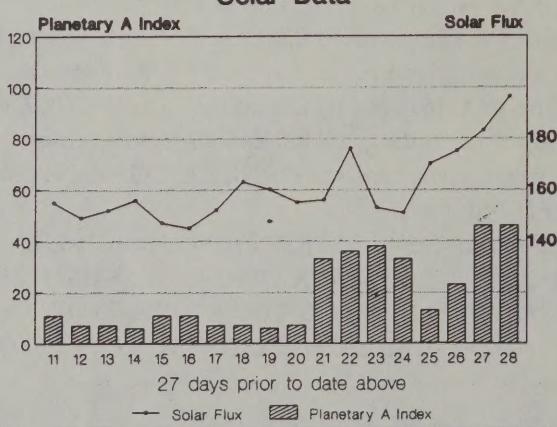
### Propagation Watch

Propagation has been spotty lately, a trend that will likely continue for some time. Solar flux remains high, which, coupled with the usual good propagation around the equinox, has meant good openings on the higher bands. However, continued geomagnetic activity has reduced signal strengths, made long-path contacts difficult, and reduced polar propagation. Best propagation is now to Oct. 21.

10 meters opens in the early morning, to the northeast, and propagation follows the sun. The high-latitude paths are weak, but north-south and low-latitude paths are very good. Signals on 15 meters are much better, and the band remains open well past local sunset. When solar flux is high, look for 15 and 17 meters to remain open very late at night. 20 meters usually provides DX far later than most DXers can stay awake. On those rare days when the geomagnetic field is quiet, try the low bands, especially grayline paths.

The tentative propagation forecast for CQWW SSB (Oct. 26-27) is good, maybe. As the graph below shows, those two days may have relatively stable geomagnetic fields, at least compared to the days before and after the test. Unfortunately, while solar flux follows a (mostly) predictable 27.5-day pattern, solar flares and subsequent geomagnetic storms do not. No matter what the sun does, the bands are likely to be better this year than during the next five years; don't miss this opportunity.

### Solar Data



### CQWW SSB Contest Operations

- **HS1BV, HS1ABV and HS1AC** will be handing out Zone 26 multipliers in the Test.
- **C6AFT** will be a single-band entry by Dick Hoff AA5NT. He'll be in the 10-meter Novice subband outside the test, Oct. 22-29. QSL home call, 1991 *Callbook* address.
- **V63DX** will be a multi-single entry by Shoji Igawa JA7HMZ and JH7IOS. They'll be in Micronesia Oct. 25-31. QSL JH7HMZ.
- **ZF2NE/ZF8** will be a multi-op entry by members of the Texas DX Society.
- **NP2N** will be a multi-single entry from St. Croix, operated by W0ANZ and WI0W. Both ops will operate NP2/ outside the test, Oct. 24-30. Try 28450, 21325, 14250 or 14190, 7235, and 3797 kHz. QSL the NP2/ calls to home calls, and NP2N to W0ANZ.
- **V47NS** will be a single-op entry by Doc Treister W9NSZ. He'll be on Nevis Oct. 23-28, on 160-10 meters. QSL home call.
- **5B4BCC** is a multi-single entry by the Bavarian Contest Club. Operators include DK6WL, DL3MFZ, DL4MCF, DL4MDO, and DL4MEH. From Oct. 18-30, the operators will sign /5B4 on CW, SSB, RTTY, and on the new bands. QSL to DL4MDO.
- **RH2E** will be a multi-multi effort from UH8EA's QTH, by members of the Bavarian Contest Club, and amateurs from Voronezh. Before and after the test, the 16 ops will operate with special UH- and RH- prefixes. QSL to DF7RX.
- **ZD8Z** is another single-op, all-band entry by Jim Neiger N6TJ. He'll be on Ascension Oct. 22-Nov. 8, and operate CW and SSB outside the test. QSL to W6CF.
- **TA4/K6KH** will be a multi-single entry by Spud Monahan K6KH, Paul Lucas N6DMV, and Howard Burba N6AXQ. QSL to K6KH.
- **ZK1XC** will be a single-op, all-band entry by Ray Cameron WQ7R. See Issue 605 for more details.
- **KH2S** is a multi-op entry by JA8RUZ, JA8RWU, JH4RHF, JH8PNE, and JH0USD. QSL to JH4RHF.
- **C6AFQ** is a multi-single entry by Jim Cain K1TN, Jim Kearman KR1S, and Chod Harris WB2CHO/VP2ML. QSL C6AFQ to K1TN.
- **WD3Q** will operate from Djibouti J2 as a 15-meter, single-op. He'll be there Oct. 15-30.
- **P40T** will be a multi-single entry, by WX4G, W3BTX, N4RJ, and K4PI; QSL to K4PI. They be on CW and the new bands before the test.
- **Zone 2: W0MHK and K2OQA** will be /VE2 from Sept. IIs, Quebec. New band operation, too. QSL home calls.

### Canceled Operation

- As suggested in Issue 608, Sig 9Q5EE left Zaire abruptly, and won't be returning. His planned 9P5E operation is off.

### Rumors and Second-Hand Information

- The 8P9X team will return to Barbados for another try at the multi-single trophy. QSL K4FJ.
- **OH0MM** will be a single-op entry by OH2MM.
- **J37H** is a multi-op entry from Grenada.
- **6D2X** is a multi-single entry from Mexico.
- The French DX Foundation will operate from an African country; no other details known.

# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
22	23	24	25	26	27	28
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26

## RTTY

BV4VB	14089	1049	30	FL
CN8NS	21090	1938	5	FL
EA8AGF	14086	0048	3	FL
HSØZAA	14084	1030	1	FL
RI8BP	14091	2211	24	MN
STØDX	21085	1806	24	OH
SVØDV/9	14086	0208	1	FL
SV1BJV	21086	1418	5	FL
UC2ADX	14087	1500	1	CA
UC2ADX	21084	1935	5	FL
UWØFZ	14087	0245	4	CA
VK6SX	14084	1440	3	CA
VP2M/	14088	0030	4	PA
AA5AU				
VP5JM	14084	0224	3	FL
VP5JM	28091	2021	5	FL
XQ4FV	14088	0228	3	FL
YC1YMN	21088	1359	5	FL
ZA1A	21082	1832	3	CA
ZA1A	14085	2020	3	FL
ZC4AB	14086	0515	22	OH

## 160 Meters

KG4DD	1836	0235	27	NJ
KH6CC	1834	0023	30	WA
ON4UN	1833	0048	24	WA

## 80 Meters

3XØHNU	3680	2356	29	AL
4K1A	3504	0112	24	VA
4K2OIL	3506	0212	24	MA
H18A	3507	0302	24	AL
UC1AWK	3513	0159	2	FL
UD850AI	3508	0206	29	MA
Y21CW	3507	0502	29	IL
YN/	3505	0220	24	FL
SMØOIG				

## 75 Meters

UL7ACI	3799	0219	29	MA
VK6LK *	3798	0220	29	MA
VP9OT	3795	0228	29	MA

## 40 Meters

3DAØBK	7001	0401	30	MT
3XØHNU	7013	2118	29	NJ
4K1ADQ	7003	0253	28	IL
4K2MAL	7009	0130	28	NJ
5N31/	7002	2324	30	FL
OK2CLA				
6W1QB	7010	0702	29	NH
7P8EN	7004	0235	20	SC
9K2KM	7000	0028	1	FL
9K2ZZ	7001	0235	30	FL
9M2/ *	7000	2246	26	FL
VK2DXI				
A22BW	7003	0231	5	FL
HC5AI	7007	0021	27	OH
HSØZAA	7005	1055	27	NY
PZ1DV	7002	1013	23	WV
Y88POL	7009	2239	27	NH
YC3OSE	7008	0957	3	FL

## 30 Meters

4K1ADQ	10101	0050	3	GA
--------	-------	------	---	----

4K1AFM	10101	0007	29	NJ
4K2MAL	10104	2357	2	FL
9K2KM	10101	2243	29	SC
9L1US	10100	0555	4	PA
HC5AI	10103	0239	20	SC
RD850DZ	10101	0100	1	GA
VK6HD *	10106	2222	1	FL
VK7FJ	10107	1111	27	PA
VP2M/	10105	0654	3	PA

## 20 Meter CW

3A2LF	14023	0557	17	LF
3B8FG *	14020	1200	29	NJ
3B8FQ	14008	1310	1	NY
3C1EA	14008	1508	30	CA
4K1ADQ	14012	0135	1	GA
4K1B	14004	0310	29	GA
4K2BCA	14012	0527	29	UT
4S7CF	14001	1138	28	MA
4S7EF *	14028	1218	28	MN
4S7WP	14018	2207	28	MN
4S7WP *	14022	1115	29	MN

8R1J	14027	1017	1	FL
9M2AX	14004	1120	5	FL
9M2DM	14035	1450	28	CA
9M2FK *	14018	1103	29	MN
9V1JY *	14026	1057	1	GA
9V1WW	14020	1457	29	MT
9V1XR *	14025	1059	29	MN
9V1YC	14026	1119	28	MA
A47RS	14016	1414	29	IL
A92C *	14004	1355	28	CA
BV2BV	14018	1123	26	OH
BV2DM *	14035	1005	30	GA
CN8ST	14013	2340	28	FL
EN3A	14018	0335	30	SC
FR4FY	14026	1122	26	NJ
FR5DD *	14025	1332	1	OH
FR5GG *	14020	1234	30	FL
FT4WC *	14011	1205	26	TX
HSØZAA *	14026	1015	30	GA
HZ1AB *	14025	1230	22	IL
JD1/	14020	1320	25	CA
JH5EES		Minami	Torishima	
JT1AS	14007	1438	29	MT
JT1CS	14019	2336	2	FL
KG4DD	14031	0214	26	GA
OY1CT	14017	0130	30	GA
RAØUAI	14020	1121	28	MA
RF6QA	14015	2225	29	SC
S21NQ *	14011	1152	30	FL
TJ1GG	14032	2008	25	OH
TU2MA	14020	0038	29	MN
UF6QBA	14001	2249	26	FL
UF7FWW	14032	0058	5	FL
UI8AG *	14018	1435	25	CA
UL7JGO	14015	1452	25	AZ
UL7RDW *	14027	1203	28	GA
V85AA	14004	1307	24	TX
V85FC	14025	1407	29	MT
VKØML	14044	724	24	WI
VK6AX	14022	1143	1	OH
VS6BI *	14020	1229	29	MN
VU2NI	14011	1142	28	MA
VU2PCD	14004	1355	28	CA
VU2ROI	14015	1124	28	MA

YN/	14018	1252	28	IL
SMØOIG	14022	2319	25	GA

## 20 Meter SSB

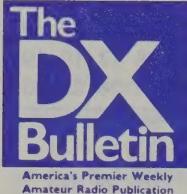
5V7JG	14236	0348	29	CA
9K2YA	14272	1448	28	CA
FR5DX *	14178	1429	1	CA
HZ1AB *	14245	1145	28	GA
JY3ZH *	14193	1453	29	CA
OY9JD	14200	2221	28	MN
OY9JD *	14232	1458	29	CA
TA3B	14270	2217	23	NY
TT8SA	14243	0033	28	GA
UL7DA	14240	0306	29	GA
YA2CW	14256	1854	23	NH
YA2CW	14195	2048	21	IL

## 17 Meter CW

4K1A	18071	1200	23	AL
4K1ADQ	18071	2130	19	NS
9J2HN	18072	2117	30	NY
EA8AB	18073	2137	24	FL
FR5EL	18090	0310	21	SC
HC5AI	18078	1933	28	NH
HV3SJ	18080	1405	29	NH
5NØCEP	18139	2253	1	CA
A45ZZ	18125	1818	29	CT
HFØPOL	18128	0030	30	NY
S21NQ	18110	1501	22	IL
VP8CFM	18150	0035	23	CT
3B9UF	21004	1930	24	OH
4K2MAL	21019	2240	29	NH
7Z1AB	21011	1810	28	NA
9J2QV	21028	0440	25	CA
9J2SZ	21025	2058	25	NJ
9K2KM	21020	2244	23	NA
J28FO	21020	2210	22	NC
JT5AA	21011	0149	24	FL
TL8CP	21001	2018	29	VA
TL8DJ	21045	2142	21	NY
VU2TS	21010	1655	30	FL

## 15 Meter SSB

8J1RL	21260	1831	20	NS
HS1BV	21317	1942	23	WV
HV3SJ	21300	1716	22	NJ
TJ1FN	21336	2040	29	GA
TL8JL	21345	1930	28	GA
UM8MDX	21231	0310	25	CA
XW8KPL	21240	1510	20	NS
ZB2IW	21335	1748</		



P. O. Box 50  
Fulton CA 95439  
USA

## FIRST CLASS MAIL

First Class  
U.S. Postage Paid  
Santa Rosa, CA  
Permit No. 550

POSTMASTER: Send address changes to above address.

### Issue 609 - October 11, 1991

#### Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Afghanistan	YA	YA2CW	on now	I608
Albania	ZA	ZA1HA/QA	to Oct. 25	I608
Angola	D2	D2ACA	In Nov.?	I608
Bahamas	C6A	WB2CHO	Oct. 22-25	I606
Bangladesh	S2	S21NQ	Now	I606/7
Bermuda	VP9/	WB2TQH	Oct. 12-19	I608
Central African Rep.	TL8CP		to mid-Nov.	I608
Fiji	3D	3D2IS/KS	Oct. 15-23	I608
		3D2VJ	by G4ZVJ now	I609
Glorioso	FR/G	FR5ZU/G	Now	I609
Grenada	J3	J37K/L	Oct. 22, 29	I609
Guernsey	GU	DLS/GU	Oct. 22-31	I608
Guyana	8R1/	G4s	Oct. 24-Nov. 1	I609
Hong Kong	VS6/	GU4XGG	Oct. 18-Dec.	I608
Isle of Man	GD	GD3CSA/p	Oct. 12-14	I608
Jersey	GJ	DLS/GJ	Oct. 15-21	I608
Kampuchea	XU	XU0JA?	Oct. 10-16	I605
Liechtenstein	HB0/	HB9NL	to Oct. 19	I606
Malta	9H	9H3s	Sept. 28-Oct. 16	I605
Revillagigedo	XF4	XF4I	Oct. 21-Nov. 10	I609
San Felix	CE0X	XQ0X	Oct.	I602
South Cook Islands	ZK1XC		Oct. 21-31	I605
Oblasts	UH/UI		October	I606
Thailand	HS	HS1BV	21300/14-21Z	I608
Togo	5V	5V7JG	Now-Dec.	I596
Tonga	A3	A35EM	Now	I606
Tuvalu	T2	T20XV	VK2BCH now	I609
Western Kiribati	T30	T30RW ?	ZL1AMO now	I609

#### Operating Events and DX Gatherings

Dates	Event	Reference:
Oct. 11	XU1SS DX Dinner	I607
Oct. 12-13	West Texas DX Get Together	I607
Oct. 12-13	VK/ZL/Oceania CW Contest	CQ
Oct. 26-27	CQWW SSB Contest	CQ
Nov. 9	New England DX Convention	I605

#### Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Bangladesh	S21NQ	14010	12-1400Z
■ Central African Rep.	TL8CP	15M CW	2015-22Z
■ Crozet Island	FT4WC	14010	12-1300Z
■ Franz Josef Land	4K2MAL	7005	0130Z
■ Georgia	RF6QA	14010±	2230Z
■ Guantanamo Bay	KG4DD	1830±	0230Z
■ Guinea	3X0HNU	40M CW	21-0200Z
■ India	VU2NI	14010±	1145Z
■ Kuwait	9K2ZZ	28500	1500Z
■ Malaysia	9M2AX	20M CW	1130Z
■ Reunion Island	FR5DD	14023±	1330Z
■ Saudi Arabia	HZ1AB	14026	1230Z
■ Singapore	9V1JY	14022±	1100Z
■ South Orkneys	VP8CFM	18145±	0030Z
■ South Orkneys	VP8CFM	12M SSB	2100Z
■ South Shetlands	4K1ADQ	14013	0130Z
■ South Shetlands	4K1ADQ	10101	0100Z
■ Sri Lanka	4S7WP	14006	22-01, 1130Z
■ Sri Lanka	4S7CF	14002	1140Z
■ Thailand	HS0ZAA	14028±	1015-12Z
■ Turkey	TA3PB	28484±	1530Z

#### Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, 9Q5EE, AA5NT, AB4PW, ACSK, DL4MCF, DXNS, HS1BV, JA7HMZ, JT1BV, K1HDO, K1VWL, K2AJY, K2DW, K2OLG, K2OW, K3EST, K4BAI, K4GLU, K4II, K4IQJ, K4LNA, K4PI, K6KH, K6LEB, K6MJ, K7EX, K7UOT, K8OQL, K8TDJ, K9UE, KA7T, KB5GL, KC1SL, K0CVD, KE9OZ, KG4O, KI6YB, KI7Y, KK6H, K0KLK, KM4KJ, KM9J, KN4FY, K0PP, KQ3S, KR7L, MRASZ, N2EJQ, N2GLH, N6IV, N6TJ, N6WQH, N8AGU, N9LAG, NY5L, NZ2Q, NZ7E, UT3UY, VE1RJ, VE1YX, W1AM, W1BFT, W1FV, W2DSE, W2GD, W2VT, W4VQ, W4ZYT, W5ASP, W5NC, W6BJI, W6JOX, W6UQF, W7AWA, W7AYY, W7LR, W8CT, W8KKF, W8MEP, W9DH, W9HAO, W9NSZ, W9RXJ, WA1NPZ, WA6TJM, WA6VNR, WA9AQE, W0ANZ, WB6JMS, WB8YJF, WD3Q, WD9GGY, Japan DX News, W0MHK, WO6R, WS7W, XE2FL and W0ZV. Wow! 100 contributors! Many Thanks!